

WHAT IS CLAIMED IS:

1 A switch connection control apparatus for channels, which is interposed between channels and exclusively selects a connection of one channel and a connection of another channel.

2 A switch connection control apparatus for channels, comprising:

a main control device for conducting a certification and control of data;

a first buffer connected to a first channel;

a second buffer connected to said main control device for storing a request or data;

a first switch for short-circuiting releasing said first buffer and said second buffer;

a second switch for short-circuiting and releasing said main control device and a second channel; and

a switch control section that outputs a control signal for exclusively short-circuiting any one of said first and second switches in accordance with the main control device.

3 The switch connection control apparatus as claimed in claim 1, wherein a first buffer includes certification means for verifying a correctness of a request or data from a first channel.

4       The switch connection control apparatus as claimed in claim 1, wherein a main control device includes certification means for verifying a correctness of a request or data from a second channel.

5       The switch connection control apparatus as claimed in claim 2, further comprising:

        a third buffer disposed between said main control device and said second switch for storing a request or data; and

        a fourth buffer disposed between said second channel and said second switch for storing a request or data.